

DECLARATION AND POWER OF ATTORNEY (UNASSIGNED NONPROVISIONAL APPLICATION)

As a below named inventor, thereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF IMMUNE DISORDERS

and for which a patent application:

is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on December 4, 2001 as Application Serial No. 10/004,633 (for declaration not accompanying application)

with amendment(s) filed on December 4, 2001 (if applicable)

□ was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION						
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED			
			YES - NO -			
			YES □ NO □			

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

	FILING DATE	STATUS		
APPLICATION SERIAL NO.		PATENTED	PENDING	ABANDONED
09/324,986	June 9, 1999			X
09/032,337	February 27, 1998		X	
08/609,583	March 1, 1996	X		
08/487,748	June 7, 1995	x		
08/398,633	March 3, 1995	x		<u> </u>

POWER OF ATTORNEY: As a named inventor, I hereby appoint Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Garland T. Stephens (Reg. No. 37242), William J. Sipio (Reg. No. 38414), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), and Kenneth L. Stein (Reg. No. 387414), Altorove Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

(1) NY2 - 1286175.1

SEND CORRESPONDENCE TO:

PENNIE & EDMONDS LLP

DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS LLP DOCKETING

PTO Customer No. 20583

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	FULL NAME OF INVENTOR	LAST NAME Levinson	FIRST NAME Douglas	MIDDLE NAME Adam	
2 0	RESIDENCE & CITIZENSHIP	CITY Sherborn	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 111 Maple Street	CITY Sherborn	state or country Massachusetts	ZIP CODE 01770
L	ADDICESS	SIGNATURE OF INVENTOR 201		3/8/3 3/8/3	200Z
	FULL NAME OF INVENTOR	LAST NAME Lloyd	Clare	MIDDLE NAME M.	
2 0 2	RESIDENCE & CITIZENSHIP	спү London	STATE OR FOREIGN COUNTRY United Kingdom	COUNTRY OF CITIZENSHIP United King	dom
	POST OFFICE ADDRESS	160 Barnsbury Road	спу London	STATE OR COUNTRY United Kingdom	ZIP CODE N1 OER
_		SIGNATURE OF INVENTOR 202		DATE	
	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
, <u>L</u>	OF INVENTOR	McCarthy	Sean	A.	
$\begin{bmatrix} 2 \\ 0 \\ 3 \end{bmatrix}$	RESIDENCE & CITIZENSHIP	San Diego	state or foreign country California	COUNTRY OF CITIZENSHIP United Kingdom	
	POST OFFICE ADDRESS	street 3625 Dupont Street	San Diego	state or country California	ZIP CODE . 92106
_		SIGNATURE OF INVENTOR 203		DATE	
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 4	RESIDENCE & CITIZENSHIP	СІТҮ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СІТУ	STATE OR COUNTRY	ZIP CODE
L		SIGNATURE OF INVENTOR 204		DATE	•
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 5	RESIDENCE & CITIZENSHIP	СІТҮ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	спү	STATE OR COUNTRY	ZIP CODE
_		SIGNATURE OF INVENTOR 205		DATE	





DECLARATION AND POWER OF ATTORNEY (UNASSIGNED NONPROVISIONAL APPLICATION)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF IMMUNE DISORDERS

and for which a patent application:

is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on December 4, 2001 as Application Serial No. 10/004,633 (for declaration not accompanying application)

with amendment(s) filed on December 4, 2001 (if applicable)

was filed as PCT international Application No. on and was amended under PCT Article 19 on (fapplicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION						
APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED				
			YES □ NO □			
	-		YES □ NO □			

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
09/324,986	June 9, 1999			X
09/032,337	February 27, 1998		X	
08/609,583	March 1, 1996	X		
08/487,748	June 7, 1995	х		
08/398,633	March 3, 1995	x		

POWER OF ATTORNEY: As a named inventor, I hereby appoint Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Garland T. Stephens (Reg. No. 37242), William J. Sipio (Reg. No. 38514), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), and Kenneth L. Stein (Reg. No. 38704), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N. W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

(1) NY2 - 1286175.1

SEND CORRESPONDENCE TO:

PENNIE & EDMONDS LLP

DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS LLP DOCKETING

PTO Customer No. 20583

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

issum	g thereon.				
	FULL NAME OF INVENTOR	LAST NAME Levinson	FIRST NAME Douglas	MIDDLE NAME Adam	
2 0 1	RESIDENCE & CITIZENSHIP	сіту Sherborn	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 111 Maple Street	CITY Sherborn	state or country Massachusetts	ZIP CODE 01770
•		SIGNATURE OF INVENTOR 201		DATE	
	FULL NAME OF INVENTOR	LAST NAME Lloyd	FIRST NAME Clare	MIDDLE NAME M.	
2 0 2	RESIDENCE & CITIZENSHIP	CITY London	STATE OR FOREIGN COUNTRY United Kingdom	COUNTRY OF CITIZENSHIP United King	dom
	POST OFFICE ADDRESS	STREET 160 Barnsbury Road	CITY London	STATE OR COUNTRY United Kingdom	ZIP CODE N1 OER
•		SIGNATURE OF INVENTOR 202 M. M. M.		3-12-	02
	FULL NAME OF INVENTOR	LAST NAME McCarthy	FIRST NAME Sean	MIDDLE NAME A.	
2 0 3	RESIDENCE & CITIZENSHIP	San Diego	state or foreign country California	COUNTRY OF CITIZENSHIP United Kingdom	
	POST OFFICE ADDRESS	3625 Dupont Street	спү San Diego	state or country California	2IP CODE 92106
•		SIGNATURE OF INVENTOR 203		DATE	
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 4	RESIDENCE & CITIZENSHIP	СІТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	сптү	STATE OR COUNTRY	ZIP CODE
'		SIGNATURE OF INVENTOR 204		DATE	
	FULL NAME OF INVENTOR	LAST NAME:	FIRST NAME	MIDDLE NAME	
2 0 5	RESIDENCE & CITIZENSHIP	спу	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СІТУ	STATE OR COUNTRY	ZIP CODE
,		SIGNATURE OF INVENTOR 205		DATE	
					

DECLARATION AND POWER OF ATTORNEY (UNASSIGNED NONPROVISIONAL APPLICATION)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF IMMUNE DISORDERS

and for which a patent application:

is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on December 4, 2001 as Application Serial No. 10/004,633 (for declaration not occompanying application)

with amendment(s) filed on December 4, 2001 (if applicable)

□ was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION						
APPLICATION NUMBER			PRIORITY CLAIMED			
			YES - NO -			
			YES - NO -			

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
09/324,986	June 9, 1999			X
09/032,337	February 27, 1998		X	
08/609,583	March 1, 1996	X		
08/487,748	June 7, 1995	х		
08/398,633	March 3, 1995	x		

POWER OF ATTORNEY: As a named inventor, I hereby appoint Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 26415), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Garland T. Stephens (Reg. No. 37242), William J. Sipio (Reg. No. 34514), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), and Kenneth L. Stein (Reg. No. 38704), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact al

(1) NY2 - 1286175.1

SEND CORRESPONDENCE TO:

PENNIE & EDMONDS LLP

DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS LLP DOCKETING

PTO Customer No. 20583

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	FULL NAME OF INVENTOR	LAST NAME Levinson	FIRST NAME Douglas	MIDDLE NAME Adam	
2 0 1	RESIDENCE & CITIZENSHIP	CITY Sherborn	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 111 Maple Street	CITY Sherborn	state or country Massachusetts	ZIP CODE 01770
L		SIGNATURE OF INVENTOR 201		DATE	
	FULL NAME OF INVENTOR	LAST NAME Lloyd	FIRST NAME Clare	MIDDLE NAME M.	
2 0 2	RESIDENCE & CITIZENSHIP	CITY London	STATE OR FOREIGN COUNTRY United Kingdom	country of citizenship United King	dom
	POST OFFICE ADDRESS	160 Barnsbury Road	crry London	STATE OR COUNTRY United Kingdom	zip code N1 OER
•		SIGNATURE OF INVENTOR 202		DATE	
	FULL NAME OF INVENTOR	LAST NAME McCarthy	FIRST NAME Sean	MIDDLE NAME A.	
2 0 3	RESIDENCE & CITIZENSHIP	спу San Diego	state or foreign country California	COUNTRY OF CITIZENSHIP United Kingdom	
	POST OFFICE ADDRESS	3625 Dupont Street	San Diego	state or country California	2IP CODE 92106
		SIGNATURE OF INVENTOR 203	- 4	3 (8	. 50)
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 4	RESIDENCE & CITIZENSHIP	сіту	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СІТУ	STATE OR COUNTRY	ZIP CODE
•		SIGNATURE OF INVENTOR 204		DATE .	
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 5	RESIDENCE & CITIZENSHIP	СІТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	спү	STATE OR COUNTRY	ZIP CODE
		SIGNATURE OF INVENTOR 205		DATE	
				1	····